



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent ApplicationCOPY FOR CONTINUING  
APPLICATION

As a named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name;

I believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled

Virtual Loop Carrier System

the specification of which (check one)

☐ is attached hereto.☒ was filed on November 17, 1999 as United States Application number 09/441,587

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is known by me to be material to patentability as defined in 37 C.F.R. §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed:

<u>Prior Foreign Application(s)</u>			Priority Not Claimed	Certified Copy Filed?	
				YES	NO
<u>                    </u> (Number)	<u>                    </u> (Country)	<u>                    </u> (Day/Month/Year filed)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>                    </u> (Number)	<u>                    </u> (Country)	<u>                    </u> (Day/Month/Year filed)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>                    </u> (Number)	<u>                    </u> (Country)	<u>                    </u> (Day/Month/Year filed)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

60/130,170  
(Application Number)April 20, 1999  
(Filing Date)60/108,924  
(Application Number)November 17, 1998  
(Filing Date)

COPY

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)

As a named inventor, I hereby appoint the attorneys and/or agents associated with  
**Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, Massachusetts 02421-4799**  
**Customer No. 21005,**

and \_\_\_\_\_

to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Please send correspondence to: ☐ Customer No. Noted Above  
or  
☒ Address below:

Leo R. Reynolds, Esq.  
HAMILTON, BROOK, SMITH & REYNOLDS, P.C.  
Two Militia Drive  
Lexington, MA 02421-4799

Direct telephone calls to: Leo R. Reynolds Telephone No.: 781-861-6240

Direct facsimiles to: Leo R. Reynolds Facsimile No.: 781-861-9540

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

-----  
Full name of sole

or first inventor Dev V. Gupta

Inventor's Signature Dev V. Gupta Date 3-2-00

Residence 356 Mattison Dr.

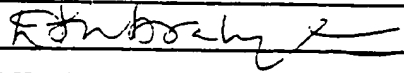
Concord, MA 01742

Citizenship USA

Post Office Address Same  
-----

Full name of second joint

inventor, if any Subra Dravida

Inventor's Signature 

Date 3.2.00

Residence 20 Hemingway Street


Shrewsbury, MA 01545

Citizenship India

Post Office Address Same

Full name of third joint

inventor, if any Vikram Saksena

Inventor's Signature 

Date 3.1.00

Residence 170 Pope Road

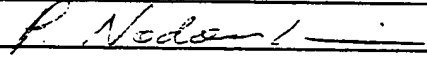
Acton, MA 01720

Citizenship USA

Post Office Address Same

Full name of fourth joint

inventor, if any Paiman Nodoushani

Inventor's Signature 

Date 3.2.00

Residence 16 Saddle Hill Drive

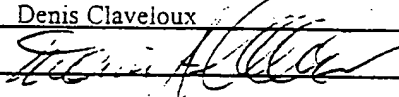
Northboro, MA 01532

Citizenship USA

Post Office Address Same

Full name of fifth joint

inventor, if any Denis Claveloux

Inventor's Signature 

Date 3.2.00

Residence 6 Rosemary Court

Hudson, NH 03051

Citizenship USA

Post Office Address Same

## Full name of sixth joint

inventor, if any Sriram NaravanInventor's Signature *Sriram Naravan*Date 3.2.00Residence 10 Loon WayWestford, MA 01886Citizenship IndiaPost Office Address Same

## Full name of seventh joint

inventor, if any Kyung-Yeop HongInventor's Signature *Kyung-Yeop Hong*Date 3.2.00Residence 14 Longmeadow WayActon, MA 01720Citizenship KoreaPost Office Address Same

## Full name of eighth joint

inventor, if any Anthony MonteiroInventor's Signature *Anthony Monteiro*Date 3.2.00Residence 25 Carriage ChaseNorth Andover, MA 01845Citizenship USAPost Office Address Same

## Full name of ninth joint

inventor, if any Wei YeInventor's Signature *Wei Ye*Date 3.2.00Residence 23 Russell's WayWestford, MA 01886Citizenship P.R. of ChinaPost Office Address Same

## Full name of tenth joint

inventor, if any David S. YoonInventor's Signature *David S. Yoon*Date 3.2.00Residence 12 Glenwood RoadWindham, NH 03087Citizenship USAPost Office Address Same